

CCCCCCCCCCCC	0000000000	BBBBBBBBBBBB	RRRRRRRRRR	TTTTTTTTTT	LLL
CCCCCCCCCCCC	0000000000	BBBBBBBBBBBB	RRRRRRRRRR	TTTTTTTTTT	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCC	000	000 BBB	BBB RRR	RRR	LLL
CCCCCCCCCCCC	0000000000	BBBBBBBBBBBB	RRR	RRR	LLL
CCCCCCCCCCCC	0000000000	BBBBBBBBBBBB	RRR	RRR	LLL
CCCCCCCCCCCC	0000000000	BBBBBBBBBBBB	RRR	RRR	LLL

FILEID**COBCALL

K 9

CCCCCCCC CCCCCCCC 0000000 0000000 BBBBBBBB BBBBBBBB CCCCCCCC CCCCCCCC AAAAAA AAAAAA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CC CC 00 00 BBBBBBBB CC AA AA LL LL
CC CC 00 00 BBBBBBBB CC AA AA LL LL
CC CC 00 00 BB BB CC CC AAAAAAAA LL LL
CC CC 00 00 BB BB CC CC AAAAAAAA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CC CC 00 00 BB BB CC CC AA AA LL LL
CCCCCCCC CCCCCCCC 0000000 0000000 BBBBBBBB BBBBBBBB CCCCCCCC CCCCCCCC AA AA LLLLLLLL LLLLLLLL
CCCCCCCC CCCCCCCC 0000000 0000000 BBBBBBBB BBBBBBBB CCCCCCCC CCCCCCCC AA AA LLLLLLLL LLLLLLLL

```
1 0001 0 MODULE COBSCALL {  
2 0002 0 IDENT = '1-010' ! file: COBSCALL.B32 EDIT:LB1010  
3 0003 0 ) =  
4 0004 1 BEGIN  
5 0005 1 |*****  
6 0006 1 |*  
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26 0026 1 |*  
27 0027 1 |*  
28 0028 1 |*  
29 0029 1 |*  
30 0030 1 ++  
31 0031 1 FACILITY: COBOL SUPPORT  
32 0032 1 ABSTRACT: This procedure fetches the address of the routine entry  
33 0033 1 point that is associated with the name that is passed  
34 0034 1 to it via the "DESC" parameter. If the corresponding  
35 0035 1 address of the routine is not found, then this procedure  
36 0036 1 returns a value of zero to the calling program.  
37 0037 1  
38 0038 1 ENVIRONMENT: Vax-11 User Mode  
39 0039 1 NOTE: This module cannot be in a shareable library  
40 0040 1  
41 0041 1 AUTHOR: MLJ , CREATION DATE: 10-APR-1979  
42 0042 1  
43 0043 1 MODIFIED BY:  
44 0044 1  
45 0045 1  
46 0046 1 1-001 - Original. MLJ 10-APR-1979  
47 0047 1 1-002 - Added boilerplate and comments. RKR 18-JULY-1979  
48 0048 1 1-003 - Declare psects via library macro. RKR 23-AUG-1979  
49 0049 1 1-004 - Fetch COBDEF from RTLIN rather than LIBS. RKR 18-SEPT-79  
50 0050 1 1-005 - Signal error COBS_ROUNOTLIN if COB$$_FIND_NAME fails.  
51 0051 1 RKR 2-OCT-79  
52 0052 1 1-006 - Undo rev. 5, not desired action. RKR 04-OCT-79  
53 0053 1 1-007 - Cosmetic changes. RKR 18-OCT-79  
54 0054 1 1-008 - Signal if name not found. 21-OCT-79  
55 0055 1 1-009 - Remove all signalling actions, -- let compiled-code caller  
56 0056 1 do the signalling. RKR 29-OCT-79  
57 0057 1 1-010 - Added functional description, abstract, comments and cosmetic
```

COB\$CALL
1-010

M 9
16-Sep-1984 00:00:39 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:10:23 [COBRTL.SRC]COB\$CALL.B32;1

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: 58 0058 1 | changes. LB 02-MAR-81
: 59 0059 1 |
: 60 0060 1 |--


```
114      0647 1 GLOBAL ROUTINE COB$CALL(DESC,LLIST)=  
115      0648 1  
116      0649 1  
117      0650 1 ++  
118      0651 1 FUNCTIONAL DESCRIPTION:  
119      0652 1 This routine passes control to routine COB$$FIND_NAME which will  
120      0653 1 search through the list of local program names to find a match to  
121      0654 1 the parameter "DESC". If no match is found, it searches through  
122      0655 1 the list of global program names (designated by the COB$GZ_NAMES_2  
123      0656 1 structure). If a match is found, then COB$CALL will return the  
124      0657 1 address of the routine entry point; otherwise, it returns a value  
125      0658 1 of zero.  
126      0659 1  
127      0660 1 CALLING SEQUENCE:  
128      0661 1  
129      0662 1 COB$CALL (desc.rt.ds, llist.rr.r)  
130      0663 1  
131      0664 1 FORMAL PARAMETERS:  
132      0665 1  
133      0666 1 DESC.rt.ds Address of descriptor for name  
134      0667 1  
135      0668 1 LLIST.rr.r Pointer to a counted list of accessible local programs  
136      0669 1  
137      0670 1 IMPLICIT INPUTS:  
138      0671 1  
139      0672 1  
140      0673 1  
141      0674 1  
142      0675 1  
143      0676 1  
144      0677 1  
145      0678 1  
146      0679 1  
147      0680 1  
148      0681 1  
149      0682 1  
150      0683 1  
151      0684 1  
152      0685 1  
153      0686 1  
154      0687 1  
155      0688 1  
156      0689 1  
157      0690 1  
158      0691 1  
159      0692 2  
160      0693 2  
161      0694 2  
162      0695 2  
163      0696 2  
164      0697 2  
165      0698 2  
166      0699 2  
167      0700 2  
168      0701 2  
169      0702 2  
170      0703 2  
          --  
          BEGIN  
          LOCAL  
          P:     REF BLOCK [, BYTE];  
          BUILTIN  
          AP,  
          CALLG;  
          P = CALLG (.AP,COB$$FIND_NAME);    ! Find a match for program name  
          IF .P NEQ 0                      ! If NEQ 0, then match found  
          THEN
```

**COB\$CALL
1-010**

C 10
16-Sep-1984 00:00:39 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:10:23 [COBRTL.SRC]COBCALL.B32;1

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```
: 171      0704 2      P = .P[COBSA_NAM_ENTRY] ; |Fetch addr of routine entry
: 172      0705 2      RETURN .P                | point and return it to
: 173      0706 2      |the calling program
: 174      0707 1      END;                      |End of routine COB$CALL
```

```
.TITLE COB$CALL  
.IDENT \1-010\  
.EXTRN COB$$FIND_NAME  
.PSECT _COB$CODE,NOWRT, SHR, PIC,2
```

00000000G	00		0000 00000	.ENTRY	COB\$CALL, Save nothing	: 0647
			6C FA 00002	CALLG	(AP), COB\$\$FIND_NAME	: 0701
			50 D5 00009	TSTL	P	: 0702
			04 13 0000B	BEQL	1\$: 0703
50	08	A0	D0 0000D	MOVL	8(P), P	: 0704
			04 00011 1\$:	RET		: 0707

; Routine Size: 18 bytes, Routine Base: _COB\$CODE + 0000

: 175 0708 1 END ! End of module COB\$CALL
: 176 0709 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
COB\$CODE	18	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:COBCALL/OBJ=OBJ\$:COBCALL MSRC\$:COBCALL/UPDATE=(ENH\$:COBCALL)

: Size: 18 code + 0 data bytes

Run Time: 00:02.3

: Elapsed Time: 00:08.9

• Lines/CPU Min: 18823

: Lexemes/CPU-Min: 40911

: Memory Used: 38 pages

0061 AH-BT13A-SE
VAX/VMS V4.0

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COBCANCEL
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LIS

COBCUTPQ
LIS

COBCUTRFQ
LIS

COBCUTQP
LIS

COBCUTROP
LIS

COBCALL
LIS

COBCUTFQ
LIS

COBCUTRDQ
LIS

COBCUTQD
LIS

COBACCEPT
LIS